

SCIENTIFIC NOTE

THE BEE GENUS *MYDROSOMA* IN COSTA RICA
(HYMENOPTERA: COLLETIDAE)¹Charles D. Michener²

The dissoglottine genus *Mydrosoma*, consisting of rarely collected, moderate sized to large (10 to 17 mm body length) bees, is known from Mexico to Argentina, but in Central America it has been reported only from Panama (*M. brooksi* Michener, 1986). It is therefore of interest to report a male specimen of *M. brooksi* in the collection of InBio (Instituto Nacional de Biodiversidad) in Heredia, Costa Rica, borrowed for study by R. W. Brooks.

The data are as follows: Guanacaste Province: Estacion Pitilla, 9 km south of Santa Cecilia, 700 m elevation, March 1990 (P. Rios, C. Moraga & R. Blanco), no. 177060.

The specimen differs from Panamanian specimens of *M. brooksi* in that the midbasal projection of sternum 5 is an acute tubercle, not a short transverse lamella suggesting a tubercle. My first reaction was to think it represented a new species, but since its other characters including those of the hidden sterna and genitalia are as in *M. brooksi*, I think it is that species.

The structure of sternum 5 of the Costa Rican specimen requires a change in couplet 7 of the key to species (Michener, 1986, p. 199); the second alternative should read "S V with short, transverse, median basal lamella *or acute tubercle*; first flagellomere ..." (italics added).

LITERATURE CITED

- Michener, C.D. 1986. A review of the tribes Diphaglossini and Dissoglottini (Hymenoptera, Colletidae). University of Kansas Science Bulletin 53:183-214.

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² Entomology Division, Natural History Museum and Entomology Program, Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence, Kansas 66045, U.S.A. E-mail: michener@ku.edu.